

STATE OF CALIFORNIA  
State Water Resources Control Board  
DIVISION OF WATER RIGHTS  
901 P Street, Sacramento  
P. O. Box 2000, Sacramento, CA 95812-2000

☒ APPLICATION TO APPROPRIATE WATER BY PERMIT  
or  
☐ REGISTRATION OF SMALL DOMESTIC USE APPROPRIATION\*

Application No.

631548

(Leave blank)

Jeffrey Shifflett, Michael Shifflett, Mark Neal  
and Athene Neal, c/o Mark Neal

(Name of applicant)

360 La Fata Street

( 707 ) 963 - 7303

(Telephone number where you may be reached  
between 8 a. m. and 5 p. m. - include area code)

St. Helena

(Mailing address)

(City or town)

 $CA^*$ 

94574

{State}

(Zip code)

a. The name of the source at the point of diversion is POD #1-#2: Unnamed Stream

Burton Creek thence Maxwell (If unnamed, state that it is an unnamed stream, spring, etc.)

tributary to Creek thence Pope Creek thence Putah Creek thence Lake Berryessa

b. In a normal year does the stream dry up at any point downstream from your project? YES ☒ NO ☐ If yes, during what months is it usually dry? From July to October

What alternate sources are available to your project should a portion of your requested direct diversion season be excluded because of a dry stream or nonavailability of water? None

a. The point(s) of diversion will be in the County of Napa

b.	List all points giving coordinate distances from section corner or other tie as allowed by Board regulations i. e. California Coordinate System	Point is within (40-acre subdivision)	Section	Township	Range	Base and Meridian
	See Attachment	1/4 of 1/4				
		1/4 of 1/4				
		1/4 of 1/4				

c. Does applicant own the land at the point of diversion? YES ☒ NO ☐

d. If applicant does not own the land at point of diversion, state name and address of owner and what steps have been taken to obtain right of access:

a. In the table below, state the purpose(s) for which water is to be appropriated, the quantities of water for each purpose, and the dates between which diversions will be made. Use gallons per day if rate is less than 0.025 cubic foot per second (approximately 16,000 gallons per day). Purpose must only be "Domestic" for registration of small domestic use.\*

PURPOSE OF USE (Irrigation, Domestic, etc.)	DIRECT DIVERSION				STORAGE		
	QUANTITY		SEASON OF DIVERSION		AMOUNT	COLLECTION SEASON	
	RATE (Cubic feet per second or gallons per day)	AMOUNT (Acre-feet per year)	Beginning Date (Mo. & Day)	Ending Date (Mo. & Day)	Acre-feet per annum	Beginning Date (Mo. & Day)	Ending Date (Mo. & Day)
Irrigation					24.9	Nov 1	May 31
Incidental Recreation							
Fire Protection							
			TOTAL AMOUNT		24.9	TOTAL AMOUNT	

b. Total combined amount taken by direct diversion and storage during any one year will be 24.9 acre-feet.

\* Not to exceed 4,500 gallons per day by direct diversion or 10 acre-feet per annum by storage.

WR 1 (6/91)

FOR0053-R1

850% / 2-10-99  
100%  
0

# 5. JUSTIFICATION OF AMOUNT (For small domestic use registration, complete item b. only)

a. IRRIGATION: Maximum area to be irrigated in any one year is 25 acres.

CROP	ACRES	METHOD OF IRRIGATION (Sprinklers, flooding, etc.)	ACRE-Feet PER YEAR	NORMAL SEASON	
				Beginning Date	Ending Date
Vineyard	25	Drip	24.9		

b. DOMESTIC: Number of residences to be served is . Separately owned ? YES ☐ NO ☐  
Total number of people to be served is . Estimated daily use per person is .  
Total area of domestic lawns and gardens is square feet. (Gallons per day)  
Incidental domestic uses are .  
(Dust control area, number and kind of domestic animals, etc.)

c. STOCKWATERING: Kind of stock . Maximum number .  
Describe type of operation: .  
(Feed lot, dairy, range, etc.)

d. RECREATIONAL: Type of recreation: Fishing ☒ Swimming ☐ Boating ☐ Other ☐  
Incidental

e. MUNICIPAL: (Estimated projected use)

POPULATION 5-Year periods until use is completed		MAXIMUM MONTH		ANNUAL USE		
PERIOD	POP.	Average daily use (gal. per capita)	Rate of diversion (cfs)	Average daily use (gal. per capita)	Acre-foot (per capita)	Total acre-feet
Present						

Month of maximum use during year is . Month of minimum use during year is .

f. HEAT CONTROL: The total area to be heat protected is net acres.  
Type of crop protected is .  
Rate at which water is applied to use is gpm per acre.  
The heat protection season will begin about (Date) and end about (Date)

g. FROST PROTECTION: The total area to be frost protected is net acres.  
Type of crop protected is .  
Rate at which water is applied to use is gpm per acre.  
The frost protection season will begin about (Date) and end about (Date)

h. INDUSTRIAL: Type of industry is .  
Basis for determination of amount of water needed is .

i. MINING: The name of the claim is . Patented ☐ Unpatented ☐  
The nature of the mine is . Mineral to be mined is .  
Type of milling or processing is .  
After use, the water will be discharged into (Name of stream)  
in 1/4 of 1/4 of Section , T , R , B. & M.  
(40-acre subdivision)

j. POWER: The total fall to be utilized is feet. The maximum amount of water to be used through the penstock  
is cubic feet per second. The maximum theoretical horsepower capable of being generated by the  
works is . Electrical capacity is kilowatts at % efficiency.  
(Cubic feet per second x fall + 8.8) (Hp x 0.746 x efficiency)  
After use, the water will be discharged into (Name of stream)  
in 1/4 of 1/4 of Section , T , R , B. & M. FERC No. .  
(40-acre subdivision)

k. FISH AND WILDLIFE PRESERVATION AND/OR ENHANCEMENT: YES ☐ NO ☐ If yes, list specific species  
and habitat type that will be preserved or enhanced in item 17 of Environmental Information form WR 1-2.

l. OTHER: Describe use: Fire Protection . Basis for determination of amount of water needed is  
Fire Protection will be incidental to irrigation use.

6. PLACE OF USE

- a. Does applicant own the land where the water will be used? YES ☒ NO ☐ Is land in joint ownership? YES ☐ NO ☒  
(All joint owners should include their names as applicants and sign the application.)  
If applicant does not own land where the water will be used, give name and address of owner and state what arrangements have been made with the owner.

b.

USE IS WITHIN (40-acre subdivision)	SECTION	TOWNSHIP	RANGE	BASE & MERIDIAN	IF IRRIGATED	
					Number of acres	Presently cultivated (Y/N)
NE 1/4 of SE 1/4	29	9N.	5W.	MDB&M	12	Y
NE 1/4 of SE 1/4	29	9N.	5W.	MDB&M	13	N
1/4 of 1/4						
1/4 of 1/4						
1/4 of 1/4						
1/4 of 1/4						

(If area is unsurveyed, state the location as if lines of the public land survey were projected, or contact the Division of Water Rights. If space does not permit listing all 40-acre tracts, include on another sheet or state sections, townships and ranges, and show detail on map.)

7. DIVERSION WORKS

- a. Diversion will be by gravity by means of POD #1: Dam, POD #2: Dam  
(Dam, pipe in unobstructed channel, pipe through dam, siphon, weir, gate, etc.)
- b. Diversion will be by pumping from \_\_\_\_\_ Pump discharge rate \_\_\_\_\_ Horsepower \_\_\_\_\_  
(Sump, offset well, channel, reservoir, etc.) (cfs or gpd)
- c. Conduit from diversion point to first lateral or to offstream storage reservoir:

CONDUIT (Pipe or channel)	MATERIAL (Type of pipe or channel lining) (Indicate if pipe is buried or not)	CROSS SECTIONAL DIMENSION (Pipe diameter or ditch depth and top and bottom width)	LENGTH (Feet)	TOTAL LIFT OR FALL		CAPACITY (Estimate)
				Feet	+ or -	
Pipe	PVC	10" diameter	500	120	+	2.0cfs

- d. Storage reservoirs: (For underground storage, complete Supplement 1 to WR1, available upon request.)

Name or number of reservoir, if any	DAM				RESERVOIR		
	Vertical height from downstream toe of slope to spillway level (ft.)	Construction material	Dam length (ft.)	Freeboard Dam height above spillway crest (ft.)	Approximate surface area when full (acres)	Approximate capacity (acre-feet)	Maximum water depth (ft.)
Reservoir #1	29	Earth	250	4	2.0	10	25
Reservoir #2	25	Earth	250	4	1.0	14.9	21

- e. Outlet pipe: (For storage reservoirs having a capacity of 10 acre-feet or more.)

	Diameter of outlet pipe (inches)	Length of outlet pipe (feet)	FALL (Vertical distance between entrance and exit of outlet pipe in feet)	HEAD (Vertical distance from spillway to outlet pipe in reservoir in feet)	Estimated storage below outlet pipe entrance (dead storage)
Res #1	8"	145'	1	24	1
Res #2	Dewatering	will be by	pumping		

- f. If water will be stored and the reservoir is not at the point of diversion, the maximum rate of diversion to offstream storage will be \_\_\_\_\_ cfs. Diversion to offstream storage will be made by: ☐ Pumping ☐ Gravity

8. COMPLETION SCHEDULE

- a. Year work will start 2000 b. Year work will be completed 2001  
c. Year water will be used to the full extent intended 2006 d. If completed, year of first use Reservoir existing since  
before 1971; to be enlarged

9. GENERAL

- a. Name of the post office most used by those living near the proposed point of diversion is Pope Valley
- b. Does any part of the place of use comprise a subdivision on file with the State Department of Real Estate? YES ☐ NO ☒  
If yes, state name of the subdivision \_\_\_\_\_  
If no, is subdivision of these lands contemplated? YES ☐ NO ☒  
Is it planned to individually meter each service connection? YES ☐ NO ☒ If yes, When? \_\_\_\_\_
- c. List the names and addresses of diverters of water from the source of supply downstream from the proposed point of diversion: \_\_\_\_\_  
See files of SWRCB
- d. Is the source used for navigation, including use by pleasure boats, for a significant part of each year at the point of diversion, or does the source substantially contribute to a waterway which is used for navigation, including use by pleasure boats? YES ☐ NO ☒ If yes, explain: \_\_\_\_\_

10. EXISTING WATER RIGHT

Do you claim an existing right for the use of all or part of the water sought by this application? YES ☒ NO ☐  
If yes, complete table below:

Nature of Right (riparian, appropriative, groundwater)	Year of First Use	Purpose of use made in recent years including amount, if known	Season of Use	Source	Location of Point of Diversion
Appropriative	1986	Irrigation, Fire	11/1-	unnamed	North 1700' and West
		Protection,	4/30	stream	700' from SE corner of
		Recreation			Sec 29, T9N, R5W

11. AUTHORIZED AGENT (Optional)

With respect to ☒ all matters concerning this water right application ☐ those matters designated as follows:

Wagner & Bonsignore

Consulting Civil Engineers, A Corporation  
(Name of agent)

( 916 ) 441 - 6850  
(Telephone number of agent between 8 a. m. and 5 p. m.)

444 North Third Street, Suite 401, Sacramento, CA 95814  
(Mailing address) (City or town) (State) (Zip code)

is authorized to act on my behalf as my agent.

12. SIGNATURE OF APPLICANT

I (we) declare under penalty of perjury that the above is true and correct to the best of my (our) knowledge and belief.

Dated 11 - 3 1998 at Altadena, California

Ms. ~~Mr.~~ Nyrene John G. SUM  
Miss. Mrs. \_\_\_\_\_  
(Signature of applicant)

(If there is more than one owner of the project,  
please indicate their relationship.)

Ms. Mr. \_\_\_\_\_  
Miss. Mrs. \_\_\_\_\_  
(Signature of applicant)

Additional information needed for preparation of this application may be found in the Instruction Booklet entitled "HOW TO FILE AN APPLICATION TO APPROPRIATE WATER IN CALIFORNIA". If there is insufficient space for answers in this form, attach extra sheets. Please cross-reference all remarks to the numbered item of the application to which they may refer. Send original application and one copy to the STATE WATER RESOURCES CONTROL BOARD, DIVISION OF WATER RIGHTS, P. O. Box 2000, Sacramento, CA 95810, with \$100 minimum filing fee.

NOTE:

If this application is approved for a permit, a minimum permit fee of \$100 will be required before the permit is issued.  
There is no additional fee for registration of small domestic use.

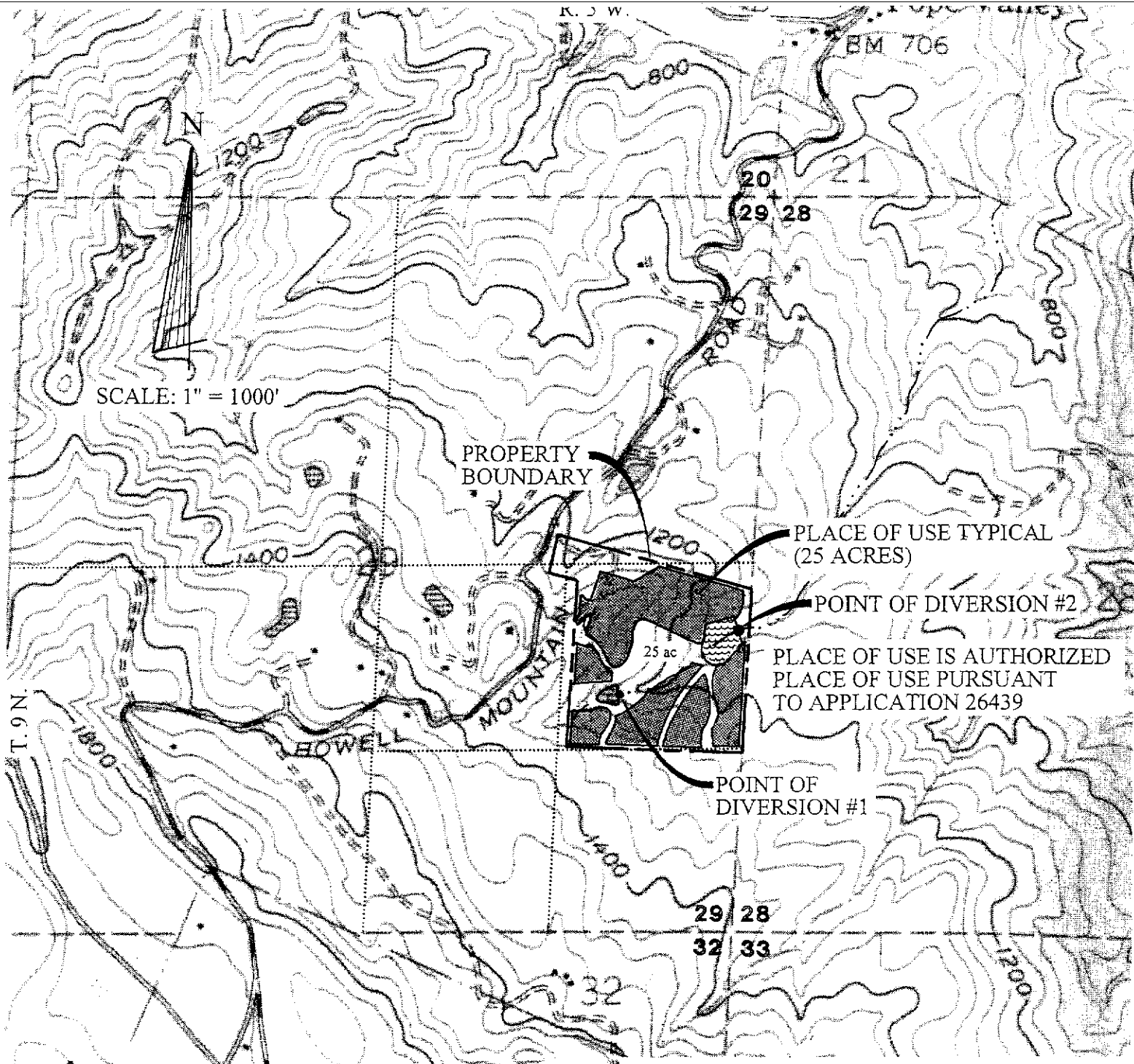
ATTACHMENT TO APPLICATION  
BY  
JEFFREY SHIFFLETT, MICHAEL SHIFFLETT, MARK NEAL  
AND ATHENE NEAL, C/O MARK NEAL

Re: 3.b. Points of Diversion and Rediversion

Map  
Point

Description

- |    |   |
|----|---|
| #1 | Point of Diversion by Collection to Storage in Reservoir #1: Located North 1,700 feet and West 700 feet from the SE corner of Section 29; being within the NE¼ of the SE¼ of Section 29, T.9N., R.5W., MDB&M. |
| #2 | Point of Diversion by Collection to Storage in Reservoir #2: Located North 2,150 feet and West 100 feet from the SE corner of Section 29; being within the NE¼ of the SE¼ of Section 29, T.9N., R.5W., MDB&M. |



Map  
Point

Description

- #1 Point of Diversion by Collection to Storage in Reservoir #1: Located North 1,700 feet and West 700 feet from the SE corner of Section 29; being within the NE¼ of the SE¼ of Section 29, T.9N., R.5W., MDB&M.
- #2 Point of Diversion by Collection to Storage in Reservoir #2: Located North 2,150 feet and West 100 feet from the SE corner of Section 29; being within the NE¼ of the SE¼ of Section 29, T.9N., R.5W., MDB&M.

MAP TO ACCOMPANY  
APPLICATION NO. \_\_\_\_\_

by  
JEFFREY SHIFFLETT, MICHAEL SHIFFLETT,  
MARK NEAL AND ATHENE NEAL  
C/O MARK NEAL  
for  
APPROPRIATION OF WATER  
from  
UNNAMED STREAM

Napa County, California

WAGNER & BONSIGNORE  
Consulting Civil Engineers  
A Corporation

BASE MAP PER U.S.G.S. 7.5 MINUTE QUAD MAP  
FOR ST. HELENA, CALIFORNIA.

NOVEMBER 1998

STATE OF CALIFORNIA  
STATE WATER RESOURCES CONTROL BOARD  
DIVISION OF WATER RIGHTS  
901 P Street, Sacramento  
P. O. Box 2000, Sacramento, CA 95810

APPLICATION TO APPROPRIATE WATER BY PERMIT  
ENVIRONMENTAL INFORMATION

(THIS IS NOT A CEQA DOCUMENT)

APPLICATION NO. 031548  
(leave blank)

The following information will aid in the environmental review of your application as required by the California Environmental Quality Act (CEQA). IN ORDER FOR YOUR APPLICATION TO BE ACCEPTED AS COMPLETE, ANSWERS TO THE QUESTIONS LISTED BELOW MUST BE COMPLETED TO THE BEST OF YOUR ABILITY. Failure to answer all questions may result in your application being returned to you, causing delays in processing. If you need more space, attach additional sheets. Additional information may be required from you to amplify further or clarify the information requested in this form.

**PROJECT DESCRIPTION**

1. Provide a brief description of your project, including but not limited to type of construction activity, structures existing or to be built, area to be graded or excavated and project operation, including how the water will be used.

This project currently irrigates 12 acres of vineyard from an existing storage reservoir. The Applicant proposes to enlarge this reservoir at Point of Diversion #1 to 10 acre-feet and build an onstream reservoir at Point of Diversion #2 that will store 14.9 acre-feet. The water stored in these reservoirs will be used to irrigate 25 acres of vineyard, of which 12 are existing and 13 are proposed. The Place of Use consisting of 25 acres has been approved as the authorized Place of Use under License 12113 (Application 26439) and pursuant to a Petition for Change approved by Board order dated March 3, 1997 (see attached map for locations). Construction will include enlarging the existing reservoir, building the proposed reservoir and development of 13 acres of vineyard. It is anticipated that soil materials for dam construction will be obtained from the area below the reservoirs' maximum storage elevation. Water will also be used for incidental recreation and fire protection purposes at the reservoir. Vineyard development will involve clearing, grading and installation of pipeline for distribution of water for irrigation.

## GOVERNMENTAL REQUIREMENTS

Before a final decision can be made on your water right application, we must consider the information contained in an environmental document prepared in compliance with the requirements of CEQA. If an environmental document has been prepared for your project by another agency, we must consider it. If one has not been prepared, a determination must be made as to who is responsible for the preparation of the environmental document for your project. The following questions are designed to aid us in that determination.

2. Contact your county planning or public works department for the following information:

- (a) Person contacted Napa County Date of contact 10-21-98  
Department Planning Department Telephone (707) 253-4416
- (b) Assessor's Parcel No. 18-132-003
- (c) County Zoning Designation AW (Agricultural Watershed)
- (d) Are any county permits required for your project? Yes If you answered yes, check appropriate spaces below:  
✓ Grading Permit, \_\_\_\_\_ Use Permit, \_\_\_\_\_ Watercourse Obstruction Permit,  
\_\_\_\_\_ Change of Zoning, \_\_\_\_\_ General Plan Change, \_\_\_\_\_ Other explain: \_\_\_\_\_  
\_\_\_\_\_
- (e) Have you obtained any of the required permits described above? No If you answered yes, provide a complete copy of each permit obtained.

3. Are any additional state or federal permits required for your project? \_\_\_\_\_ [i.e., from Federal Energy Regulatory Commission, U.S. Forest Service, Bureau of Land Management, Soil Conservation Service, Department of Water Resources (Division of Safety of Dams), Reclamation Board, Coastal Commission, State Lands Commission, etc.] For each agency from which a permit is required provide the following information:

Permit type \_\_\_\_\_  
Person contacted \_\_\_\_\_ Agency \_\_\_\_\_  
Date on Contract \_\_\_\_\_ Telephone ( ) \_\_\_\_\_

4. Has any public agency prepared an environmental document for any aspect of your project? No

If so, please submit a copy of the latest environmental document(s) prepared, including a copy of the notice of determination adopted by the public agency.



If not, explain below whether you expect that a public agency other than the State Water Resources Control Board will be preparing and environmental document for your project or whether the applicant, if it is a California public agency, will be preparing the environmental document for your project: —

Applicant expects that the SWRCB will be the Lead Agency and will prepare the appropriate environmental documents. A Biological Survey will be conducted in Spring 1999 and will be submitted to the SWRCB.

**Note:** When completed, please submit a copy of the final environmental document (including notice of determination) or notice of exemption to the State Water Resources Control Board. Processing of your water right application cannot proceed until such documents are submitted.

5. Will your project, during construction or operation, generate waste or wastewater containing such things as sewage, industrial chemicals, metals, or agricultural chemicals, or cause erosion, turbidity or sedimentation? No If so, explain: \_\_\_\_\_

\_\_\_\_\_

If you answered yes or you are unsure of your answer, contact your local Regional Water Quality Control Board for the following information (See attachment for address and telephone number):

Will a waste discharge permit be required for your project? \_\_\_\_\_

Person contacted \_\_\_\_\_ Date of contact \_\_\_\_\_

What method of treatment and disposal will be used? \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

6. Have any archeological reports been prepared on this project, or will you be preparing an archeological report to satisfy another public agency? No

Do you know of any archeological or historical sites located within the general project area? No

If so, explain: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

### ENVIRONMENTAL SETTING

7. Attach **THREE COMPLETE SETS** of color photographs, clearly dated and labeled, showing the vegetation currently existing at the following locations:
- (a) Along the stream channel immediately downstream from the proposed point(s) of diversion
  - (b) Along the stream channel immediately upstream from the proposed point(s) of diversion
  - (c) At the place(s) where the water is to be used

Note: It is very important that you submit no less than three complete sets of photographs as required above. If less than three sets are submitted, processing of your application will be delayed until you furnish the remaining sets!

8. From the list given below, mark or circle the general plant community types which best describe those which occur within your project area (Note: See footnote denoted by \* under Question 11 below):

Tree Dominated Communities

- Subalpine Conifer
- Red Fir
- Lodgepole Pine
- Mixed Conifer
  - Sierran Mixed Conifer
  - White Fir
  - Klamath Mixed Conifer
- Douglas-Fir
- Jeffrey Pine
- Ponderosa Pine
- Eastside Pine
- Redwood
- Pinyon-Juniper
- Juniper
- Aspen
- Closed-Cone Pine-Cypress
- ✓ Montane Hardwood-Conifer
- Montane Hardwood
- Valley Foothill Hardwood
  - Blue Oak Woodland
  - ✓ Valley Oak Woodland
  - Coastal Oak Woodland
- Valley Foothill Hardwood-Conifer
  - Blue Oak-Digger Pine
- Eucalyptus
- Montane Riparian
- Valley Foothill Riparian
- Desert Riparian
- Palm Oasis
- Joshua Tree

Shrub Dominated Communities

- Alpine Dwarf-Shrub
- Low Sage
  - Bitterbrush
- Sagebrush
- Montane Chaparral
- Mixed Chaparral
- Chamise-Redshank Chaparral
- Coastal Scrub
- Desert Succulent Shrub
- Desert Wash
- Desert Scrub
- Alkali Desert Scrub

Herbaceous Dominated Communities

- ✓ Annual Grassland
- Perennial Grassland
- Wet Meadow
- Fresh Emergent Wetland
- Saline Emergent Wetland
- Pasture

Aquatic Communities

- Riverine
- ✓ Lacustrine
- Estuarine
  - Marine

Developed Communities

- Cropland
- ✓ Orchard-Vineyard
- Urban

Literature source: Mayer, K.E., and W.F. Laudenslayer, Jr., (eds). 1988. A Guide to Wildlife Habitats of California. California Department of Forestry and Fire Protection, Sacramento. 166 pp. (Note: You may view a copy of this document at our public counter at the address given at the top of this form or you may purchase a copy by calling the California Department of Fish and Game, Wildlife Habitat Relationships (WHR) Program, at (916) 653-7203.)

9. Provide below an estimate of the type, number, and size (trunk/stem diameter at chest height) of trees and large shrubs that are planned to be removed or destroyed due to construction and operation of your project. Consider all aspects of your project, including diversion structures, water distribution and use facilities, and changes in the places of use due to additional water development.

The Applicant proposes to plant the majority of the vineyard in naturally cleared areas. Tree and brush removal will be required to plant the remaining vineyard. Enlargement of the reservoir and construction of the proposed reservoir may require clearing of a small number of trees and brush. The biological survey will set forth the impacts in such areas.

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#### FISH AND WILDLIFE CONCERNS

10. Identify the typical species of fish which occur in the source(s) from which you propose to divert water and discuss whether or not any of these fish species or their habitat has been or would be affected by your project (Note: See footnote denoted by \* under Question 11 below):

The fishery habitat value of the swale on which Points of Diversion #1 and #2 are located is very low. The swale runs only during times when there is precipitation as the drainage area is relatively small. Further, there is no defined riparian corridor along the swale in the vicinity of Points of Diversion #1 and #2. The reservoir locations are in accordance with SWRCB policy which sets forth that storage reservoirs shall not be located on any watercourse which has fishery habitat value.

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11. Identify the typical species of riparian and terrestrial wildlife in the project area and discuss whether or not any of these species and/or their habitat has been or would be affected by your project through construction of water diversion and distribution works and changes in the places of water use (Note: See footnote denoted by \* below):

As stated in #10 above, there is no defined riparian channel downstream of Points of Diversion #1 and #2 and no species have been identified. The place of use and reservoir locations will be surveyed in Spring 1999 and the impact to species and/or their habitat will be assessed at that time.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\*Note: The purposes of Questions 10 and 11 are to provide a preliminary assessment of the presence of typical plant and animal species in the project area and whether these species might be affected by your project. Detailed site surveys to quantify populations of specific species or determine the presence of rare or endangered species may be required at a later date. It is very important that you answer these questions accurately. If you are unable to obtain appropriate answers from your local California Department of Fish and Game biologists (see attachment for address and telephone number) or you do not have adequate information or expertise to complete your answers, you should hire a fishery consultant and/or a wildlife consultant to review your project and prepare suitable answers for you. For information on available qualified fishery or wildlife consultants near you, consult your local telephone directory yellow pages under **Environmental and Ecological Services**, or call the California Environmental Protection Agency, Registered Environmental Assessor (REA) Program at (916) 324-6881 or the University of California, Cooperative Extension Service (see your local telephone directory white pages).

12. Does your proposed project involve any construction or grading-related activity which has significantly altered or would significantly alter the bed or bank of any stream or lake? No

If so, explain: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

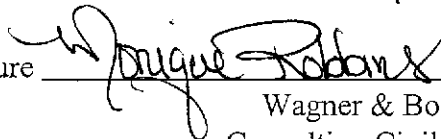
\_\_\_\_\_

\_\_\_\_\_

CERTIFICATION

I hereby certify that the statements I have furnished above and in the attached exhibits are complete to the best of my ability, and that the facts, statements, and information presented are true and correct to the best of my knowledge.

Date 2-8-99

Signature   
Wagner & Bonsignore  
Consulting Civil Engineers